

**ABSTRACT**

In an apparatus for monitoring any deviation of a planar surface from its desired position, a light source and a light detector are positioned so that when the surface is at the desired position a beam of light projected by the light source is reflected by the surface and fully registers on the light detector causing the light detector to generate a peak output signal. When the surface deviates from its desired position, the reflected beam of light does not fully register on the light detector, causing the light detector to generate less than peak output signal.